

Please replace the following claims as rewritten below:

- A1
1. (Amended) A power supply circuit, the circuit comprising:  
an active power factor correction circuit, the active power factor correction circuit having a controller; and  
an inrush current control circuit, the inrush control circuit comprising at least one switch having a control element coupled to the controller.

2. (Amended) A power supply circuit as in claim 1 wherein the switch comprises an IGBT.

11. (Amended) A method as in claim 9 wherein the step of generating the power factor control signal further comprises the steps of:

A2  
charging at least one power capacitor to a predetermined voltage level; and

enabling at least one integrated circuit associated with the at least one capacitor.

13. (Amended) A method as in claim 11 wherein the step of enabling further comprises the steps of:

A3  
determining an input current;

comparing the input current with a predetermined current level; and